

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/053545

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/10 H04B10/18 G02B6/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 943 466 A (CORNING INC) 24 August 1999 (1999-08-24) cited in the application column 7, line 49 - column 8, line 21; figure 11 ----- GALTAROSSA A ET AL: "POLARIZATION MODE DISPERION PROPERTIES OF CONSTANTLY SPUN RANDOMLY BIREFRINGENT FIBERS" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 28, no. 18, 15 September 2003 (2003-09-15), pages 1639-1641, XP001172641 ISSN: 0146-9592 cited in the application the whole document ----- -/-	1-4, 8, 9, 21
A		1-23

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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8 document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the International search report

11/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	XIN CHEN, MING-JUN LI, AND D.A. NOLAN: "Scaling properties of polarization mode dispersion of spun fibers in the presence of random mode coupling" OPTICS LETTERS, vol. 27, no. 18, 15 September 2002 (2002-09-15), pages 1595-1597, XP002289414 the whole document	1-23
A	GALTAROSSA A ET AL: "OPTIMIZED SPINNING DESIGN FOR LOW PMD FIBERS: AN ANALYTICAL APPROACH" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE, NEW YORK, US, vol. 19, no. 10, October 2001 (2001-10), pages 1502-1512, XP001115815 ISSN: 0733-8724 cited in the application the whole document	1-23
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X	WO 02/03115 A (PIRELLI CAVI E SISTEMI S.P.A; GALTAROSSA, ANDREA; PIZZINAT, ANNA; PALM) 10 January 2002 (2002-01-10) page 32, line 7 - page 33, line 5 page 36, line 8 - page 37, line 24; figures 3,13	5-7
P,X	WO 2004/095097 A (CORNING INC 'US!; CHEN XIN 'US!; LI MING-JUN 'US!; MEYER JESSE C 'US!) 4 November 2004 (2004-11-04) page 3, paragraph 5 - page 4, paragraph 2 page 10, paragraph 3 - page 11, paragraph 1; figures 7,8	5-7
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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P,A	ANDREA GALTAROSSA ET AL.: "First- and Second-Order PMD Statistical Properties of Constantly Spun Randomly Birefringent Fibers" JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 22, no. 4, 4 April 2004 (2004-04-04), pages 1127-1136, XP002317927 the whole document	1-23

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